Title (en)
Device for tracking objects in a video stream

Title (de)
Vorrichtung zur Verfolgung von Objekten in einem Videostrom

Title (fr)
Dispositif de suivi d'objets dans un flux vidéo

Publication
**EP 2418593 B1 20170405 (EN)**

Application
**EP 11176997 A 20110809**

Priority
IT MI20101545 A 20100812

Abstract (en)
[origin: EP2418593A1] The invention discloses a device (1) for tracking objects (Oi) in a video stream (S IN ) comprising a processing unit (10) in turn including a selection module (13) configured for selecting video stream portions (V) comprising sequences of a predetermined object (Oi), from the video stream (S IN ), a module for tracking positions (14) of the predetermined object (Oi) in the video stream portions (V), a module for creating object's video streams (15), configured for creation of partial video streams (Si) as a function of the tracked positions (P), each said partial video stream (Si) representing one said tracked object (Oi), the device (1) further comprising a composition module (16) configured for composing the partial video streams (Si) of the individual objects (Oi) into an output video stream (S OUT ). The invention further discloses a transmission system comprising the device for tracking objects.

IPC 8 full level
**G06F 17/30** (2006.01); **G06Q 30/00** (2012.01)

CPC (source: EP US)
**G06F 16/5854** (2019.01 - EP US); **G06F 16/70** (2019.01 - EP US); **G06F 16/71** (2019.01 - US); **G06Q 30/06** (2013.01 - EP US); **G06Q 30/0603** (2013.01 - EP US)

Citation (examination)
- US 2008052750 A1 20080228 - GRUNNET-JEPSEN ANDERS [US], et al
- US 2010082585 A1 20100401 - BARSOOK JONATHAN [US], et al
- US 2009006937 A1 20090101 - KNAPP SEAN [US], et al

Cited by
EP2680601A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
**EP 2418593 A1 20120215**; **EP 2418593 B1 20170405**; CY 1121290 T1 20200529; DK 2418593 T3 20170717; ES 2630167 T3 20170818; HR P20170995 T1 20170922; HU E032957 T2 20171128; IT 1401524 B1 20130726; IT MI20101545 A1 20120213; LT 2418593 T 20170725; PL 2418593 T3 20180131; PT 2418593 T 20170706; RS 56104 B1 20171031; SI 2418593 T1 20170831; TR 201709269 T4 20181121; US 2012038759 A1 20120216; US 8885030 B2 20141111

DOCDB simple family (application)
**EP 11176997 A 20110809**; CY 171100705 T 20170703; DK 11176997 T 20110809; ES 11176997 T 20110809; HR P20170995 T 20170630; HU E11176997 A 20110809; IT MI20101545 A 20100812; LT 11176997 T 20110809; PL 11176997 T 20110809; PT 11176997 T 20110809; RS P20170624 A 20110809; SI 201131220 T 20110809; TR 201709269 T 20110809; US 98531111 A 20110105